OM NAIK

PUNE, INDIA

osnaik23@gmail.com | +91-9175111728

Portfolio | LinkedIn | GitHub

Education

JSPM's Rajarshi Shahu College of Engineering (RSCOE), Pune **2020 - 2024**

- B. Tech - Electrical Engineering | CGPA: **9.22**

Government Polytechnic Pune (GPP) **2017 - 2020**

- Diploma - Electrical Engineering | Percentage: **75.00%**

S.P.M. School, Pune **2016 - 2017**

- MSBSHSE (Class X) | Percentage: **87.60%**

Skills

Python | HTML | CSS | JavaScript | Bootstrap | Tailwind CSS | GitHub | AutoCAD | MATLAB | PLC | Microsoft 365

Experience

Internpe | Frontend Web Development Intern **Jul'23 - Aug'23**

- Developed responsive, user-friendly web interfaces during an online internship, enhancing the user experience. Implemented best practices for web development, mastering code quality, performance, and accessibility standards.
  [https://om-naik.github.io/Apple-Vision-Pro-Clone/]

Mithsagar Electronics Systems Pvt. Ltd. | Intern **Jul'22 - Aug'22**

- Collaborated closely with senior engineers, gaining insights into control panel circuitry and electrical systems intricacies.
- Contributed to the design and assembly of control panels within the engineering team, ensuring precision and functionality.

Projects

Digitalization of RSCOE campus **Feb'23 - May'23**

Designed and developed a responsive website using HTML, CSS, and JavaScript to assist new visitors in navigating the college campus seamlessly. [https://om-naik.github.io/jspmrscoe-building-c.github.io/]

- Implemented a QR Code scanning feature for quick access to the website, enhancing user convenience.
- Integrated interactive maps and provided precise directions to essential locations such as the principal's office, Library, HOD's cabins, Labs, and Classrooms.
- Included actual images of each location, enhancing the user experience and providing visual cues for easy identification.

Electricity Generation by Foot Steps **Jan'22 - May'22**

Engineered and implemented piezoelectric sensor technology to capture footsteps' energy.

- Integrated piezoelectric sensors into high-traffic areas to capture and convert mechanical energy from footsteps into electrical power.
- Designed a power storage and distribution system to effectively utilize the harvested energy for various applications.

Electric Vehicle **Nov'19 - Sep'20**

Led a groundbreaking project to convert a traditional diesel car into a fully functional electric vehicle (EV), demonstrating a commitment to sustainable transportation solutions.

- Conducted a comprehensive analysis of the existing diesel vehicle's architecture, identifying components for replacement and modification to accommodate electric power.
- Integrated electric motors, battery packs, and a sophisticated control system to ensure seamless transition and optimal performance.

Achievements

- Achieved 1st rank in the Department during the 1st year of B.Tech studies.
- Achieved 3rd rank in the Department during the 2nd year of B.Tech studies.

Certifications

- Udemy HTML, CSS & JavaScript Certification course for Beginners.
- NPTEL Power System Protection and Switchgear (84.0 / 100.0).

Co-Curricular & Extra-Curricular Activities

- Participate in the Electrical department's Project competition.
- Secretary of "EV Club" at JSPM's RSCOE.
- Member of the Decoration Team of "TECHNOTSAV-2k23" at JSPM's RSCOE.

Hobbies

- Cooking, Drawing, Traveling, Learning, and exploring new things.